

ABSTRACT OF THE DISCLOSURE

5 The present invention concerns transgenic plant which contain large chloroplasts. The transgenic plant of the present invention comprises within its genome a foreign *MinD* or *MinE* gene or a foreign gene which expresses a protein which has the same functional activity as the *Arabidopsis thaliana* MinD or MinE protein. The present invention further concerns a method of producing the transgenic plants of the present invention which contain large chloroplasts. Finally, the present invention concerns a method of transforming the chloroplasts genome of the transgenic plants of the present invention which contain large chloroplasts.